

PCTWORLD INTELLECTUAL PROPERTY ORGANIZATION
International Bureau

INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification ⁶ : G02F 1/35, C08G 59/18, 59/68	A1	(11) International Publication Number: WO 95/22079 (43) International Publication Date: 17 August 1995 (17.08.95)
(21) International Application Number: PCT/US95/01791 (22) International Filing Date: 8 February 1995 (08.02.95) (30) Priority Data: 08/196,355 15 February 1994 (15.02.94) US (71) Applicant: THE DOW CHEMICAL COMPANY [US/US]; 2030 Dow Center, Abbott Road, Midland, MI 48640 (US). (72) Inventors: EARLS, Jimmy, D.; 209 Banyan, Lake Jackson, TX 77566 (US). HEFNER, Robert, E., Jr.; 109 Wedgewood, Lake Jackson, TX 77566 (US). BERTRAM, James, L.; 115 Southern Oaks Drive, Lake Jackson, TX 77566 (US). WALKER, Louis, L.; 246 Barbara, Clute, TX 77531 (US). CLAY, William, A.; 232 Trailride, Angleton, TX 77515 (US). (74) Agent: CARTER, James, G.; The Dow Chemical Company, Patent Dept., B-1211, 2301 Brazosport Boulevard, Freeport, TX 77541 (US).		(81) Designated States: AU, BR, CA, JP, KR, MX, European patent (AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE). Published <i>With international search report. Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.</i>
(54) Title: CURE CONTROLLED CATALYZED MIXTURES OF EPOXY RESINS AND CURING AGENTS CONTAINING MESOGENIC MOIETIES, B-STAGED AND CURED PRODUCTS THEREFROM		
(57) Abstract Curable compositions containing (A) one or more epoxy resins, one (B) or more curing agents and (C) one or more cure controlling catalysts wherein at least one of components (A) or (B) or both components (A) and (B) contain a mesogenic moiety are prepared. These curable compositions permit processing at higher temperatures and improved properties. They are useful in the preparation of coatings, castings, electrical or laminates or composites and the like.		